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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. MATP-623US

First Inventor Robert Joseph Topper

Title INVERSE GAMMA CORRECTION CIRCUIT USING PIECEWISE-LINEAR APPROXIMATION

Express Mail Label No. EV 029 154 431 US

J1017 U.S. PTO

J1017 U.S. PTO  
02/28/02

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 13]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table, or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 6]

5. Oath or Declaration [Total Pages 2]  
a.  Newly executed (original or copy)  
b.  Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  
c.  Unexecuted Declaration

6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  
a.  Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i.  CD-ROM or CD-R (2 copies); or  
ii.  paper  
c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9.  Assignment Papers (cover sheet & document(s))

10.  37 C.F.R. §3.73(b) Statement  Power of Attorney (when there is an assignee)

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)

16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other: Check Certificate of Express Mail

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP)  
Prior application information Examiner \_\_\_\_\_of prior application No: \_\_\_\_\_ /  
Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Labelor  Correspondence address below

|         |  |          |     |
|---------|--|----------|-----|
| Name    | PATENT TRADEMARK OFFICE                  |          |     |
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| City    | State                                    | Zip Code |     |
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|                   |                   |                                   |        |
|-------------------|-------------------|-----------------------------------|--------|
| Name (Print/Type) | Jack J. Jankovitz | Registration No. (Attorney/Agent) | 42,690 |
| Signature         |                   |                                   | Date   |
|                   |                   | February 28, 2002                 |        |

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 780)

| Complete If Known    |                      |
|----------------------|----------------------|
| Application Number   | To Be Assigned       |
| Filing Date          | Herewith             |
| First Named Inventor | Robert Joseph Topper |
| Examiner Name        |                      |
| Group / Art Unit     |                      |

Attorney Docket No. MATP-623US

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number

18-0350

Deposit Account Name

Ratner &amp; Prestia

 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Applicant claims small entity status. See 37 CFR 1.272.  Payment Enclosed: Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Description | Fee Paid |
|--------------|--------------|-----------------|----------|
| Fee Code     | Fee (\$)     | Fee Code        | Fee (\$) |
| 101          | 740          | 201             | 370      |
| 106          | 330          | 206             | 165      |
| 107          | 510          | 207             | 255      |
| 108          | 740          | 208             | 370      |
| 114          | 160          | 214             | 80       |
| SUBTOTAL (1) |              |                 | (\$ 740) |

## 2. EXTRA CLAIM FEES

| Total Claims       | 15 | -20** | = 0 | X |  | = 0 | Fee Paid |
|--------------------|----|-------|-----|---|--|-----|----------|
| Independent Claims | 2  | -3**  | = 0 | X |  | = 0 |          |
| Multiple Dependent |    |       |     | X |  | = 0 |          |

## Large Entity

| Fee Code     | Fee (\$) | Large Entity | Small Entity | Fee Description  |
|--------------|----------|--------------|--------------|--|
| 103          | 18       | 203          | 9            | Claims in excess of 20                                     |
| 102          | 84       | 202          | 42           | Independent claims in excess of 3                          |
| 104          | 280      | 204          | 140          | Multiple dependent claim, if not paid                      |
| 109          | 84       | 209          | 42           | ** Reissue independent claims over original patent         |
| 110          | 18       | 210          | 9            | ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) |          |              |              | (\$ 0)   |

\*\*or number previously paid, if greater; For Reissues, see above

| 3. ADDITIONAL FEES        | Large Entity | Small Entity | Fee Description | Fee Paid   |
|---------------------------|--------------|--------------|-----------------|--|
| Fee Code                  | Fee (\$)     | Fee Code     | Fee (\$)        |  |
| 105                       | 130          | 205          | 65              | Surcharge - late filing fee or oath  |
| 127                       | 50           | 227          | 25              | Surcharge - late provisional filing fee or cover sheet                     |
| 139                       | 130          | 139          | 130             | Non-English specification  |
| 147                       | 2,520        | 147          | 2,520           | For filing a request for reexamination                                     |
| 112                       | 920*         | 112          | 920*            | Requesting publication of SIR prior to Examiner action                     |
| 113                       | 1,840*       | 113          | 1,840*          | Requesting publication of SIR after Examiner action                        |
| 115                       | 110          | 215          | 55              | Extension for reply within first month                                     |
| 116                       | 400          | 216          | 200             | Extension for reply within second month                                    |
| 117                       | 920          | 217          | 460             | Extension for reply within third month                                     |
| 118                       | 1,440        | 218          | 720             | Extension for reply within fourth month                                    |
| 128                       | 1,960        | 228          | 980             | Extension for reply within fifth month                                     |
| 119                       | 320          | 219          | 160             | Notice of Appeal   |
| 120                       | 320          | 220          | 160             | Filing a brief in support of an appeal                                     |
| 121                       | 280          | 221          | 140             | Request for oral hearing   |
| 138                       | 1,510        | 138          | 1,510           | Petition to institute a public use proceeding                              |
| 140                       | 110          | 240          | 55              | Petition to revive - unavoidable   |
| 141                       | 1,280        | 241          | 640             | Petition to revive - unintentional   |
| 142                       | 1,280        | 242          | 640             | Utility issue fee (or reissue)   |
| 143                       | 460          | 243          | 230             | Design issue fee   |
| 144                       | 620          | 244          | 310             | Plant issue fee  |
| 122                       | 130          | 122          | 130             | Petitions to the Commissioner  |
| 123                       | 150          | 123          | 150             | Petitions related to provisional applications                              |
| 126                       | 180          | 126          | 180             | Submission of Information Disclosure Stmt                                  |
| 581                       | 40           | 581          | 40              | Recording each patent assignment per property (times number of properties) |
| 146                       | 740          | 246          | 370             | Filing a submission after final rejection (37 CFR § 1.129(a))              |
| 149                       | 740          | 249          | 370             | For each additional invention to be examined (37 CFR § 1.129(b))           |
| 179                       | 740          | 279          | 370             | Request for Continued Examination (RCE)                                    |
| 169                       | 900          | 169          | 900             | Request for expedited examination of a design application                  |
| Other fee (specify) _____ |              |              |                 |  |

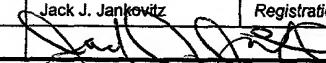
\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 40)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type) Jack J. Jankovitz Registration No. Attorney/Agent) 42,590 Telephone 610-407-0700Signature 

Date February 28, 2002

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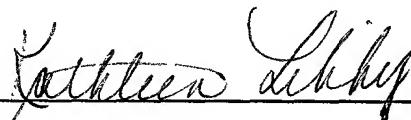
## Certificate of Mailing under 37 CFR 1.10

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Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Trans. (1 pg.); Fee Trans. (2); Spec. (13 pgs.); Drawings (6 sheets); DECL/POA (2 pgs.); 1595; Assignment (2 pgs.); IDS (2pgs.); 1449; Copies of 8 cited references; Check; Postcard

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